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Substitute for form 1449B/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date Submitted: September 26, 2003 (use as many sheets as necessary)		Application Number	Unassigned
		Filing Date	09/26/2003
		First Named Inventor	Jonathan A. ELLMAN et al.
		Group Art Unit	Unassigned
		Examiner Name	Unassigned
Sheet	1	of	4
		Attorney Docket Number	045413-0113

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
JL	A1	5,698,401		FESIK et al.	12/16/1997	
	A2	5,658,727		BARBAS et al.	08/19/1997	
	A3	5,543,507		COOK et al.	08/06/1996	
	A4	5,362,859		ZALE	11/08/1994	
	A5	5,512,435		RENSCHLER et al.	04/30/1996	
	A6	5,683,867		BIESECKER et al.	11/04/1997	
	A7	4,727,022		SKOLD et al.	02/23/1988	
	A8	5,422,281		HARRIS et al.	06/06/1995	

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JL	A9	WO	98/11436			03/19/1998	
	A10	WO	98/48264			10/29/1998	

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JL	A11	Shuker et al., Science 274:1531-1534 (1996).		
	A12	Singh et al., J. Am. Chem. Soc. 118:1669-1676 (1996)		
	A13	Weber et al., Angew. Chem. Int. Ed. Engl. 34:2280-2282 (1995)		
	A14	Huc et al., Proc. Natl. Acad. Sci. USA: 94:2106-2110 (1997)		
	A15	Holland, Sci. Amer. USA 66-72 (1997)		
	A16	Rowan, et al., Angew. Chem. Int. Ed. Engl. 35:2143-2145		
	A17	Rowan, et al., J. Am. Chem. Soc. 119:2578-2579 (1997)		
	A18	Hajduk, et al., Sci. 278:497-498 (1997)		

Examiner Signature		Date Considered	1/8/05
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	A19	Shaker, et al., Sci. 274:1531-1534	
	A20	Rose, J. Amer. Chem. Soc. 116:30-33 (1994)	
	A21	Shao et al., Amer. Chem. Soc. 117:3893-3899 (1995)	
	A22	Tuchscherer, Eng., 34:8449-8422	
	A23	Jencks, Proc. Natl. Acad. Sci. 78:4046-4050 (1981)	
	A24	Olejniczak et al., J. of Am. Chem. Soc. 119:5828-5832 (1997)	
	A25	Nakamura et al., Biochemistry 24:1364-1376 (1985)	
	A26	Nazarpak-Kandlousy et al., J. Combinatorial Chem. (1998)	
	A27	Hajduk, et al., J. Am. Chem. Soc. 119:5818-5827 (1997)	
	A28	Dolle et al., J. of Combinatorial Chem. 1:229-382 (1999)	

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TB	A29	Puius et al. Proc. Natl. Acad. Sci. 94:13420-13425 (1997)	
	A30	Hajduk et al., J. Am. Chem. Soc. 119:5818-5827 (1997)	
	A31	Eliseev Drug Discovery and Development 1:106-115 (1998)	
	A32	Jindal, et al., Spectrum Drug Discovery and Design, 20:1-15 (1998)	
	A33	Baldwin, et al., J. Am. Chem. Soc., 117:5588-5589 (1995)	
	A34	Gilbertson et al., Tetrahedron Letters 37:6475-6478 (1996)	
	A35	Pfistermueller, et al., FEBS Letters 39:14-20 (1996)	
	A36	Godfrey, et al., J. Exp. Med. 80:757-762 (1994)	
	A37	Boger et al., Solution-Phase Combinatorial Synthesis via the Olefin Metathesis Reaction, Bioorg. Med. Chem. Lett., Vol. 7, No. 4, pp. 463-468 (1997)	
		A38	Gordon et al., Applications of Combinatorial Techniques to Drug Discovery, 2. Combinatorial Organic Synthesis, Library Screening Strategies and Future Directions, J. Med. Chem., Vol. 37, No., 10, pp. 1885-1401 (1994)

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J5	A39	Sigal et al. Polyacrylamides Bearing Pendant a-Sialoside Groups Strongly Inhibit Agglutination of Erythrocytes by Influenza Virus J. Am. Chem. Soc. Vol. 118, No. 16, pp. 3789-3400. (1996)	
	A40	Zhao et al. Coumarin-Based Inhibitors of HIV Integrase, J. Med. Chem., Vol. 40, No. 2, pp. 242-249, (1997)	
	A41	Hadjuk et al., One-Dimensional Relation and Diffusion Edited NMR Methods for Screening Compounds that Bind to Macromolecules, J. am. Chem. Soc., Vol. 119, No. 50, pp. 12257-12261, (1997).	
	A42	Keyes et al., Correlation of Anti-HIV Potency with Lipophilicity in a Series of Cosalane Analogs ...J. Med. Chem., Vol. 39, No. 2, pp. 508-514. (1996)	
q	A43	Zhao et al., Arylamide Inhibitors of HIV-1 Integrase, J. Med. Chem. 40, pp. 1186-1194 (1997)	

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